

Converting Colors

Hex(7FA9C7)

Have a look what the booklet for
Hex(7FA9C7) contains.

Hex(7FA9C7)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	11
<i>Previews</i>	23
<i>Color Blindness Simulation</i>	26
<i>CSS Examples</i>	29

Color

Hex(7FA9C7)

Conversions

Conversions Part 1

Format	Color
Hex	7FA9C7
RGB	127, 169, 199
RGB Percent	50%, 66%, 78%
CMY	0.5020, 0.3373, 0.2196
CMYK	0.36, 0.15, 0.00, 0.22
HSL	205°, 39%, 64%
HSV	205°, 36%, 78%
XYZ	33.2492, 37.0115, 59.4243
YIQ	159.8620, -34.6620, 0.4260

Conversions

Conversions Part 2

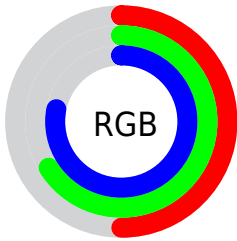
Format	Color
RYB	127, 154, 199
Decimal	8366535
CIELab	67.29, -6.69, -19.85
CIElCh	67, 20.942, 251.382
Yxy	37.0115, 0.2564, 0.2854
Android (android.graphics.Color)	4286556615 (0xFF7FA9C7)
YUV	159.8620, 19.2950, -28.8200
Hunter-Lab	60.8371, -8.9096, -15.3273

Details

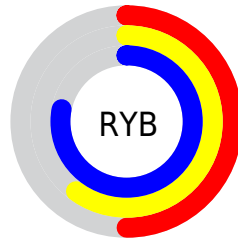
The Hex color **7FA9C7** is a light color, and the websafe version is hex **6699CC**. A complement of this color would be **C79D7F**, and the grayscale version is **A0A0A0**.

A 20% lighter version of the original color is **B6E0FF**, and **4A7591** is the 20% darker color. If you saturate the color by 10%, you get **6BA1C7**, and if you desaturate by 10%, it is **93B1C7**.

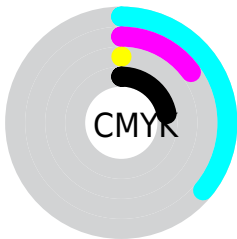
Distribution



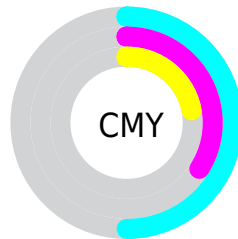
- Red (50%)
- Green (66%)
- Blue (78%)



- Red (50%)
- Yellow (60%)
- Blue (78%)



- Cyan (36%)
- Magenta (15%)
- Yellow (0%)
- Black (22%)



- Cyan (50%)
- Magenta (34%)
- Yellow (22%)

Brightness & Saturation Gradients

These gradients show how the Hex color 7FA9C7 changes by changing the brightness by 10 percent. The first figure shows a shift by +10% for each color and the second figure -10%.

Similar to the brightness gradients but the following saturation gradients show a change of the Hex color 7FA9C7 by changing the saturation by 10% instead.

 7FA9C7

 7FA9C7

FFFFFF

 648FAC

 B6E0FF

 4A7591

 D2FDFF

 305C77

 EFFFFFF

 13455F

 002F47

 001A30

 00011B

 000000

 7FA9C7

 7FA9C7

6BA1C7

93B1C7

5798C7

A7BAC7

4390C7

BBC2C7

2F88C7

CFCAC7

1B80C7

E3D2C7

0877C7

F6DBC7

0074C7

FFE3C7

FFEBC7

FFF4C7

Harmonies

Analogous

The Analogous color harmony consists of three colors that are next to each other on the color wheel.



70ADBC



7FA9C7



97A3C8

Triad

The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



7FA9C7



CB969D



95AA87

Complementary

The Complementary color scheme is a pair of colors which are on the opposite of each other on the color wheel.



7FA9C7



C79D7F

Split Complementary

Split-complementary colors differ from the complementary color scheme. The scheme consists of three colors, the original color and two neighbors of the complement color.



ABA57F



7FA9C7



C8998C

Square

The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



7FA9C7



C298B0



BD9F81



81AE97

Rectangle

The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



7FA9C7



A89FC4



BD9F81



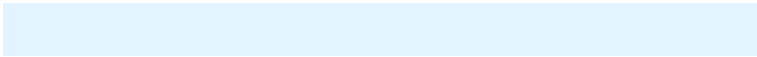
9DA983

Sweetspot

The Sweet Spot groups the original color and five complimentary colors.



7FA9C7



E3F3FF



7FC79D



6F7980



000000



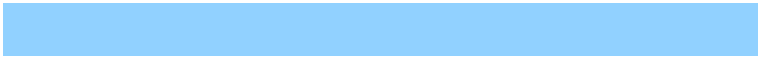
808080

Same Dimension

The Same Dimension uses a secret algorithm to generate beautiful new colors.



7FA9C7



91D1FF



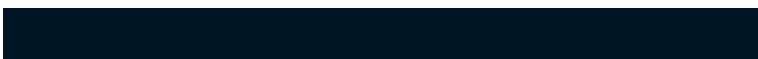
7F85C7



5A5F63



005FA3



001524

Inverse Universe

The Inverse Universe completely reimagines the original color for something new.



C77FA9



FF91D1



C7C17F



635A5F



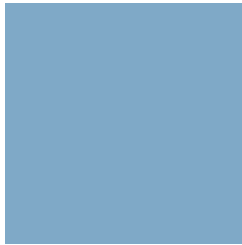
A3005F



240015

Previews

White Background



This preview shows how the Hex color 7FA9C7 looks on a white background.

Color Contrast Check

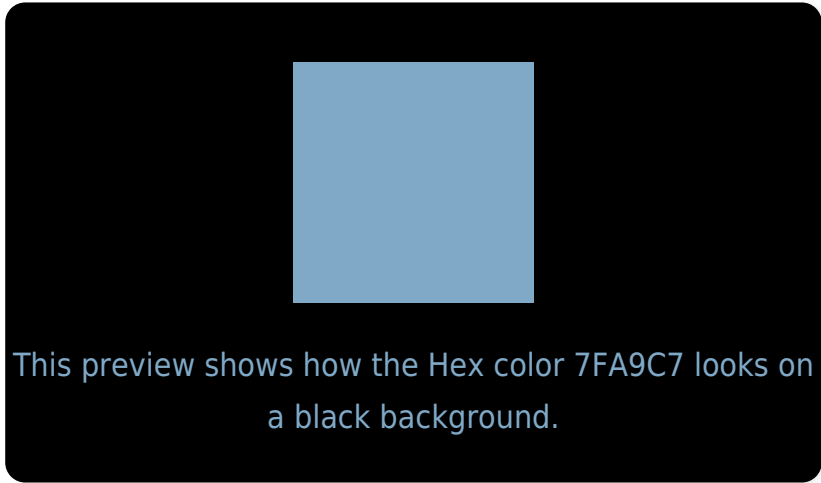
Large Text (above 18pt) WCAG AA × Fail

Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

Black Background



Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

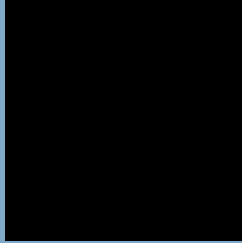
Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

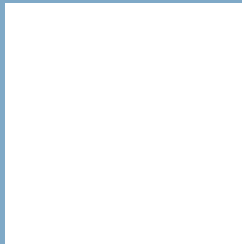
Any Text WCAG AAA ✓ Pass

If you want to check with other color combinations, try the [Color Contrast Checker](#).

Hex 7FA9C7 Background



This preview shows how black text looks on a background with the Hex color 7FA9C7.

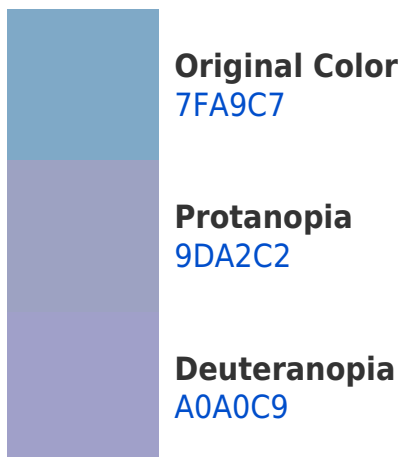


This preview shows how white text looks on a background with the Hex color 7FA9C7.

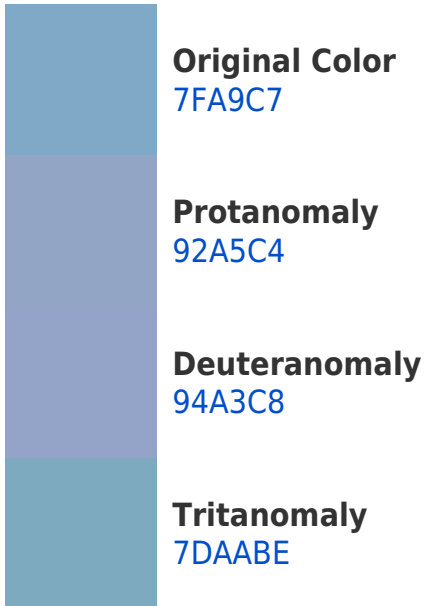
Color Blindness Simulation

Color vision deficiency is a very complex topic, and I could not describe the different causes any better than Wikipedia does, so if you want to learn more, you should check out their [article about color blindness](#).

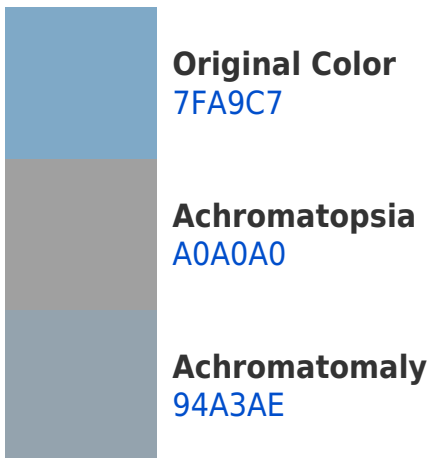
Dichromacy



Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex 7FA9C7 is called "color". The color property can be set on classes, ids or directly on the HTML element.

This example shows how text in the color #7FA9C7 looks like.

```
.text, #text, p{  
    color:#7FA9C7  
}
```

If you want to add a text shadow in that color use the text-shadow property, you can generate a text shadow directly with our [CSS Text Shadow Generator](#).

Here you see how black text with a 4 pixel #7FA9C7 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #7FA9C7
}
```

Border

The CSS property to change the border of an element to Hex 7FA9C7 is called "border". The border property can be set on classes, ids or directly on the HTML element.

This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#7FA9C7 }
```

If only the border color should be changed use the property `border-color`.

```
.border{ border-color:#7FA9C7 }
```

If you want to add a box shadow in that color use:

Here you see how a box with a 4 pixel #7FA9C7 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #7FA9C7; -webkit-box-shadow:4px 4px  
4px 4px #7FA9C7; box-shadow:4px 4px 4px  
4px #7FA9C7 }
```

Background

The CSS property to change the background color of an element to Hex 7FA9C7 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#7FA9C7 }
```

If only the background color should be changed can be used:

```
.background{ background-color:#7FA9C7 }
```

This example shows the color as background, it is applied via the CSS property "background".

To optimize and compress your CSS code, you can use our [online CSS compressor and optimizer](#) based on csstidy. If you want to create a linear or radial gradient as background or border, check our [CSS Gradient Generator](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor